



**2015 LEAD AND COPPER RULE MONITORING REPORT**  
**Monitoring Period (July, 2015 to December, 2015)**

System's Name: Village of Tarrytown Type: ☒ CWS ☐ NTNCWS  
Shaft #10 P.S.  
Dept. of Public Works

Address: [REDACTED] Size: ☐ >100,000  
☐ 50,001 to 100,000  
☒ 10,001 to 50,000  
☐ 3,301 to 10,000  
☐ 501 to 3,300  
☐ 101 to 500  
☐ ≤100

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Federal ID#: 00003461

Contact Person: Steve Cowles, Chief Operator, Type IB

THE RESULTS OF LEAD AND COPPER TAP WATER SAMPLES MUST BE  
ATTACHED TO THIS DOCUMENT

# of Samples required: 60 # of Samples submitted: 60

90<sup>th</sup> Percentile Level: Lead 10.7/l Copper 493 µg/l

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**TARGETING CRITERIA**

# of single family structures with copper pipes  
and lead solder installed after 1982 or lead pipes  
and/or lead service lines (Tier 1) 47

# of multi-family structures with copper pipes  
with lead solder installed after 1982 or lead pipes  
and/or lead service lines (Tier 1)  
(Only applicable if multi-family structures comprise more  
than 20% of the structures served by the water system) N/A

# of buildings containing copper pipes  
with lead solder installed after 1982 or lead pipes  
and/or lead service lines (Tier 2) 1

# of sites that contain copper pipes and lead solder  
installed before 1983 (Tier 3) 12

Total: 60

Explanation of Tier 2 and/or Tier 3 sites are used  
(attach additional pages if necessary)

Tier #2 and Tier #3 sites were used in order to maintain testing 60 sample sites

#### LEAD SERVICES LINE SITES

# of samples required to be drawn from lead service line sites N/A

# of samples actually drawn from lead service line sites N/A

Difference (explain differences other than zero)

Method used to identify lead service line sites  
(attach additional pages if necessary)

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All recourses were found through water applications records from the village

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#### THE RESULTS OF WATER QUALITY PARAMETER (WQP) SAMPLES MUST BE ATTACHED TO THIS DOCUMENT

# of samples required to be collected N/A

# of WQP entry point samples required to be collected 10

# of WQP tap samples actually collected and submitted N/A

# of WQP entry point samples actually collected and submitted 10

  
Signature

Chief Operator Type 1B  
Title

1/2/16  
Date

## CERTIFICATION OF COLLECTION METHODS

I certify that:

- Each first draw tap sample for lead and copper is one liter in volume and has stood motionless in the plumbing system of each sampling site for at least six hours.
- Each first draw sample collected from a single-family residence has been collected from the cold water kitchen tap or bathroom sink tap.
- Each first draw sample collected from a non-residential building has been collected at an interior tap from which water is typically drawn for consumption.
- Each first draw sample collected during an annual or tri-annual monitoring period has been collected in the months of September, October, November or December.
- Each resident who volunteered to collect tap water samples from his/her home has been properly instructed by (insert water system's name) **Tarrytown Water Department** in the proper methods for collecting lead and copper samples. I do not challenge the accuracy of these sampling results. Enclosed is a copy of the material distributed to residents explaining the proper collection methods, and a list of the results. Sampling was performed by the owners of house/buildings used in the reports.

  
Signature

Stephen G. Cowles  
Name

WTP Chief Operator 1B  
Title

11/7/16  
Date

CHANGE OF SAMPLING SITES  
From Jun-2015 to Dec-2015 Monitoring Period

Distance between sites (approximately): \_\_\_\_\_ 1 Mile \_\_\_\_\_

Targeting Criteria: New: \_\_\_\_\_ Old: \_\_\_\_\_ X \_\_\_\_\_

Reason for change (attach additional pages if necessary):

  X   Old addresses would not continue in sampling. In order to complete the 60 sites the new addresses were added [REDACTED]

Signature: Stephen G. Cowles

Stephen G. Cowles  
Name

WTP Chief Operator 1B  
Title

11/7/16  
Date

# Exemption 6

First Draw Sample Percentile Results 2015 (Jul-Dec) -Tarrytown- NY							
Sample #	Lead	Sample Date	Lead (µg/L)	Sample #	Copper	Sample Date	Copper (µg/L)
	Location				Location		
1		12/22/2015	<1.00	1		9/30/2015	<10.0
2		12/15/2015	<1.00	2		12/15/2015	13.7
3		12/17/2015	<1.00	3		9/25/2015	18.5
4		9/30/2015	<1.00	4		9/25/2015	20.6
5		9/25/2015	<1.00	5		12/21/2015	24.1
6		11/25/2015	<1.00	6		12/17/2015	39.5
7		12/7/2015	<1.00	7		11/25/2015	41.5
8		9/25/2015	<1.00	8		12/7/2015	41.6
9		9/25/2015	<1.00	9		9/25/2015	52.7
10		12/8/2015	<1.00	10		9/24/2015	63.6
11		9/25/2015	<1.00	11		9/25/2015	75.6
12		9/25/2015	<1.00	12		9/25/2015	92.6
13		9/29/2015	<1.00	13		9/25/2015	97
14		9/25/2015	<1.00	14		9/28/2015	98.9
15		9/27/2015	<1.00	15		9/24/2015	99.4
16		9/25/2015	<1.00	16		12/17/2015	121
17		9/25/2015	<1.00	17		12/8/2015	144
18		9/25/2015	<1.00	18		9/25/2015	150
19		9/25/2015	<1.00	19		9/25/2015	166
20		9/25/2015	<1.00	20		9/25/2015	179
21		9/25/2015	<1.00	21		9/26/2015	210
22		9/25/2015	<1.00	22		9/27/2015	210
23		9/25/2015	<1.00	23		9/29/2015	210
24		9/25/2015	<1.00	24		9/29/2015	226
25		9/25/2015	1.06	25		9/25/2015	227
26		9/25/2015	1.07	26		9/25/2015	231
27		9/25/2015	1.08	27		9/26/2015	237
28		9/25/2015	1.13	28		9/25/2015	244
29		9/26/2015	1.14	29		9/25/2015	254
30		9/25/2015	1.22	30		9/25/2015	261
31		9/25/2015	1.28	31		9/25/2015	270
32		9/25/2015	1.28	32		9/25/2015	270
33		9/26/2015	1.31	33		9/25/2015	274
34		9/25/2015	1.32	34		9/27/2015	302
35		9/25/2015	1.36	35		9/25/2015	322
36		9/25/2015	1.36	36		9/25/2015	323
37		9/25/2015	1.37	37		9/25/2015	349
38		9/25/2015	1.41	38		9/25/2015	363
39		9/25/2015	1.68	39		9/25/2015	366
40		12/17/2015	1.74	40		9/25/2015	367
41		10/7/2015	1.74	41		9/25/2015	372
42		9/28/2015	1.81	42		9/26/2015	385
43		9/25/2015	1.9	43		9/25/2015	386
44		9/25/2015	2.37	44		9/25/2015	388
45		9/25/2015	2.81	45		9/25/2015	391
46		9/25/2015	2.87	46		9/25/2015	394
47		9/25/2015	3.03	47		9/25/2015	406
48		9/25/2015	3.11	48		9/25/2015	413
49		9/26/2015	3.73	49		9/25/2015	425
50		9/25/2015	4.08	50		9/25/2015	449
51		10/2/2015	4.13	51		9/25/2015	469
52		9/25/2015	7.99	52		9/25/2015	472
53		9/24/2015	8.12	53		9/25/2015	486
54		9/25/2015	10.7	54		9/25/2015	493
55		9/25/2015	14.7	55		9/25/2015	497
56		9/27/2015	17.5	56		9/25/2015	500
57		9/29/2015	18.8	57		9/25/2015	544
58		9/24/2015	20.7	58		10/2/2015	599
59		9/25/2015	51	59		9/25/2015	728
60		9/25/2015	73.4	60		10/7/2015	791

90th Percentile

Regulatory Action Limit - Lead	15 µg/L
90th Percentile	10.7 µg/L
Regulatory Action Limits - Copper	1,300 µg/L
90th Percentile	493µg/L